TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371	ATTORNEY'S DOCKET NUMBER 495152002100
	U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/520493

INTERNATIONAL APPLICATION NO. PCT/US03/22928	INTERNATIONAL FILING DATE 22 July 2003	PRIORITY DATE CLAIMED 22 July 2002

TITLE OF INVENTION   ADAPTIVE ELECTROPOLISHING USING THICKNESS MEASUREMENTS AND REMOVAL OF BARRIER AND SACRIFICIAL LAYERS

APPLICANT(S) FOR DO/EO/US   Hui WANG et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. [x] This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.

2. [ ] This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.

3. [x] This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.

4. [ ] The US has been elected (Article 31).

5. [x] A copy of the International Application as filed (35 U.S.C. 371 (c)(2))

   a. [x] is attached hereto (required only if not communicated by the International Bureau) (27 pages).

   b. [ ] has been communicated by the International Bureau.

   c. [ ] is not required, as the application was filed in the United States Receiving Office (RO/US).

6. [ ] An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).

   a. [ ] is attached hereto.

   b. [ ] has been previously submitted under 35 U.S.C. 154(d)(4).

7. [ ] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))

   a. [ ] are attached hereto (required only if not communicated by the International Bureau).

   b. [ ] have been communicated by the International Bureau.

   c. [ ] have not been made; however, the time limit for making such amendments has NOT expired.

   d. [ ] have not been made and will not be made.

8. [ ] An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).

9. [x] An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)) (4 pages).

10. [ ] An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. [ ] An Information Disclosure Statement under 37 CFR 1.97 and 1.98.

12. [x] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included (in counterpart, 6 pages).

13. [x] A preliminary amendment (3 pages).

14. [x] An Application Data Sheet under 37 CFR 1.76 (4 pages).

15. [ ] A substitute specification.

16. [ ] A power of attorney and/or change of address letter.

17. [ ] A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.

18. [ ] A second copy of the published International Application under 35 U.S.C. 154(d)(4).

19. [ ] A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

20. [x] Other items or information: Return Receipt Postcard

sf-1843245

U.S. APPLICATION NO. (if known, See 37 CFR 1.5) 10/520493 Not Yet Assigned	INTERNATIONAL APPLICATION NO. PCT/US03/22928	ATTORNEY'S DOCKET NUMBER 495152002100	

21. The following fees are submitted:		
[x] a) Basic national fee $300.00	$ 300.00	
[x] b) Examination fee $200.00	$ 200.00	
[x] c) Search fee $500.00	$ 500.00	
TOTAL OF ABOVE CALCULATIONS = $1000.00	$ 1,000.00	

[ ] Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is $250 for each additional 50 sheets of paper or fraction thereof.				

Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number	RATE	
27 - 100 =	/50 =		x $250.00	0.00

Surcharge of $130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).	$ 0.00	

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			
Total claims	43 - 20 =	23	x	50.00	$ 1,150.00	
Independent claims	4 - 3 =	1	x	200.00	$ 200.00	
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+	0.00	$	
TOTAL OF ABOVE CALCULATIONS =					$ 2,350.00	

[x] Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.	$	
SUBTOTAL =	$ 1,175.00	

Processing fee of $130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). +	$ 0.00	
TOTAL NATIONAL FEE =	$ 1,175.00	

Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). $40.00 per property +	$ 40.00	
TOTAL FEES ENCLOSED =	$ 1,215.00	

	Amount to be refunded:	$
	Amount to be charged:	$

a. [ ] A check in the amount of $ _____ to cover the above fees is enclosed.

b. [x] Please charge my Deposit Account No. _____ 03-1952 _____ in the amount of $ _____ 1,215.00 _____
to cover the above fees. A duplicate copy of this sheet is enclosed.

c. [x] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
overpayment to Deposit Account No. _____ 03-1952 _____. A duplicate copy of this sheet is enclosed.

d. [ ] Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card
information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b))
must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:	SIGNATURE: _Peter J. Yim_
	NAME Peter J. Yim
CUSTOMER NUMBER: 20872	REGISTRATION NUMBER (44,417)

Application No. (if known): Not Yet Assigned   Attorney Docket No.: 495152002100

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EL990376110US in an envelope addressed to:

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on   January 6, 2005
                Date

_____Valerie Cohen_____
                Signature

Valerie Cohen
Typed or printed name of person signing Certificate

N/A   (415) 268-6733
Registration Number, if applicable   Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

1. Transmittal Letter to the United States Designated-Elected Office (in duplicate, 6 pages)

2. Specification, Claims and Abstract (18 pages)

3. Formal Drawings (9 sheets)

4. Preliminary Amendment (3 pages)

5. Declaration (signed, in counterpart, 4 pages)

6. Application Data Sheet (4 pages)

7. Assignment w/Assignment Recordation Coversheet (in counterpart, 6 pages)

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